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LAND INFORMATION SYSTEM (LIS) REQUIREMENTS STUDY

VOLUME II

USER REQUIREMENTS

National Systems & Research Co.

DECEMBER 1988

BLM
880

LAND INFORMATION SYSTEM (LIS)

REQUIREMENTS STUDY

VOLUME II: USER REQUIREMENTS

Contract Number YA-551-CT7-440025

December 22, 1988

Prepared For

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1 INTRODUCTION

1.1 Purpose

Volume II of the LIS Requirements Study documents the analysis performed on the case type processes and global processes in the ALMRS Current System Description and the Land Information Technical Activities to derive LIS user requirements. Volume II of the LIS Requirements Study contains:

a. The matrices used to conduct the Candidate Selection Analysis, and

b. The derived user requirements for the LIS.

1.2 Document Overview

Section 1, Introduction, identifies the purpose and contents of this volume of the LIS Requirements Study.

Section 2, Candidate Selection, describes how the analysis matrices are used and what each column of the matrices represents in the candidate selection analysis.

Section 3, User Requirements, contains a structure chart identifying the derived user requirements and provides a full description of each requirement.

Appendix A, Acronyms and Abbreviations, contains the descriptions of the acronyms and abbreviations used in the volume.

Appendix B, The Analysis Matrices, contains the matrices for each Land and Minerals Case type, Land and Minerals Global activity and Technical Activities Program.

2 CANDIDATE SELECTION

2.1 Approach

The Candidate Selection process involves analysis of BLM case types and global processes documented in the twenty-two volume ALMRS Current System Description and the four-volume Land Information System Technical Activities. Table 2-1, Case Types, Global Processes, and Programs Analyzed, identifies those volumes studied for Candidate Selection.

Table 2-1. Case Types, Global Processes, and Programs Analyzed

Land and Minerals Case Types:
- Public Administration
- Acquisitions
- Exchanges
- Alaska Withdrawals
- Withdrawals
- Land Classification
- Occupancy and Use
- Grants
- Sales
- Rights-of-Way
- Leases and Permits
- Conveyance Program
- Oil and Gas
- Geothermal
- Coal
- Solids Other Than Coal
- Salables
- Locatables
- Baseline Records

Globals:
- Acreage Control
- Appeals
- Assignments
- Bond and Surety
- Docket
- Resource Evaluation
- Resource Management Planning
- Land and Minerals Trespass

Technical Activities:
- Cadastral Survey
- Engineering
- Mapping Sciences

Requirements are derived through an iterative process, beginning with analysis of the input-process-output (IPO) narratives and data flow diagrams (DFDs) from each case type. Candidate Selection Analysis includes the following steps:

a. Automated candidate determination,

b. Priority determination,

c. Evaluation against program objectives,

d. ADP function classification, and

e. Derived user requirement evaluation.

These steps are described in section 4.3.3 of Volume I. The analysis culminates with the derivation of user requirements based on process activities determined to be candidates for automation.

2.2 Analysis Matrices

The tools used to select and evaluate candidates include the DFD Process Primitives (Summary) matrices, the Process Evaluation (Candidates) matrices and the Data Evaluation (Candidates) matrices. The matrices used for evaluation of each case or activity are provided in Appendix B, under separate cover. Throughout this explanation, the candidate for automation is referred to as the "activity" and a group of activities is a "process." The group of processes comprises the case.

a. DFD Process Primitives (Summary). The DFD Process Primitives (Summary) matrix correlates the automated candidates to the LIS Mission Elements (described in section 3 of Volume I). In Appendix B, the summary matrix for a case type or global activity appears first within the sub-section for that case or activity.

b. Process Evaluation (Candidates). A Process Evaluation (Candidates) matrix is produced for each process primitive. In Appendix B, the set of Process Evaluation matrices for a case type, global activity, or technical activity follows the DFD Process Primitives (Summary) for that case or activity.

c. Data Evaluation (Candidates). A Data Evaluation (Candidates) matrix correlates the automated data item candidates to the ALMRS Automated Data Areas described in section 2.2.3.3. In Appendix B, the set of Data Evaluation matrices for a case type or global activity follows the Process Evaluation matrices for that case or activity.

2.2.1 DFD Process Primitives (Summary) Matrix

The final determination (Manual or Automated) of a candidate for automation is based on the evaluation of the process primitive as revealed on the DFD Process Primitives (Summary) matrix. A separate DFD Process Primitives (Summary) matrix is produced for each case. The summary matrix contains the following information:

PROCESS IDENTIFIER	The paragraph number of the individual low-level process containing the activities of the specific cases as given in the Current System Description DFD.
TITLE	The name of the process as given in the Current System Description DFD.
DET	A determination of "Automated" or "Manual" for each process, based on the "N/T" column. This signifies which processes are candidates for automation.
N/T	The information for this column is gathered from the set of Process Evaluation matrices for the process. "N" is the number of activities within the process which are true automated candidates. A true automated candidate is an activity that meets the objectives stated in the ALMRS Concept Document (1985). The objectives are listed in the legend at the bottom of each Process Evaluation (Candidates) matrix. "T" is the total number of automated activities determined from the analysis. It is the sum of the "A's" in the DET column on the Process Evaluation (Candidates) Matrix. "N/T" is the ratio of true automated candidates to the total number of automated candidates.

N/T (cont.) — The determination (DET) for the process primitive is "A" if at least one of the activities is a true candidate (i.e., N is greater than or equal to one).

MISSION ELEMENTS — The LIS Mission Elements (described in Volume I, section 3) are listed within the program to which they apply (Records, Resources, or Technical Activities). Elements related to the automated candidate are labeled with an "X."

PROCESS EVALUATION MATRIX — The process evaluation matrix column gives the matrix identification code of the appropriate Process Evaluation Matrix for the DFD Process primitive. The matrix identification code consists of a letter and a number. The letter identifies the case or global activity. The number is assigned to the process primitive based on its order of appearance in the case volume.

The DFD Process Primitives (Summary) Matrix corresponds to the BLM Program/LIS Mission Element Cross Correlation Matrix, shown as **Figure 1-1** of Volume IV. The preauthorization and post authorization activities are identified per process primitive within each case type. Some case support and case maintenance activities are contained in the process primitives of the case programs. However, the majority of the case support and case maintenance activities come from the global cases. The globals were evaluated separately although they are part of the various case processing types.

2.2.2 Process Evaluation (Candidates) Matrix

The Process Evaluation (Candidates) matrix is the workhorse of the LIS Requirements Study. This matrix incorporates information from the IPO narratives, Data Flow Diagrams, and Data Dictionaries for each process primitive representing the individual case type as described in the ALMRS Current System Description. Each matrix sheet contains a header and a body. The header consists of:

DFD PROCESS — The process primitive name as given in the Current System Description DFD. This corresponds to an entry in the DFD Process Primitives Title column of the summary matrix.

PROCESS ID — The process primitive number of the process from the Current System Description DFD. This corresponds to an entry in the DFD Process Primitives Process Identifier column of the summary matrix.

TOTAL AUTOMATED — The number of total automated candidates is the sum of the "A's" in the determination (DET) column within the body of the matrix.

TRUE CANDIDATES — The number of automated candidates which satisfy at least one of the seven Program Objectives.

The body of the matrix consists of:

IPO SUB PARA # — The IPO Subparagraph number identifies the paragraph in the IPO narrative in which the activity description can be found.

SENT — The number of the sentence within the above IPO Subparagraph which describes the activity.

DET — The initial determination of whether an activity is automated (A) or manual (M). If the determination is manual no further analysis is necessary. (Refer to Volume I, section 4 for the methodology used for the determination analysis criteria.)

PROCESS — A process column entry contains the name of an activity within the process primitive that is a potential candidate for automation. These activities were named using action verbs so that if an activity was determined to be automated the corresponding user requirement would be clearly identified.

PRIORITY — Six analysts independently assigned a priority level for automating each activity. The values ranged from 0 to 4 according to the following scheme:

0- In the view of the analyst, this process is not considered an automated candidate.

1- Automation of the process is only a want or desire; a proven need has not been established.

2- Automation of the process is only a possibility.

3- The need for automation of the process is minimal.

4- The need for automation of the process is critical.

AVG — The AVG column contains the average of the six priority values from the priority column. This number was used as a weighting factor for the derived user requirements.

SEC — The type of security required for the activity. This is determined by viewing the data elements used as input or output and the security applied to those elements. Security is of two types: General and Sensitive.

PROGRAM OBJECTIVES — The seven objectives described in the ALMRS Concept Document (1985). The program objective(s) satisfied by this activity are indicated by an "X" in the appropriate column. The objectives are listed in the legend at the bottom of each matrix.

INFORMATION PROCESSING AREAS — These are the five general areas of an automated data processing environment. The selected automated activity should satisfy at least one.

a. Entry/Capture is the ability to input information.

b. Query is the ability to retrieve information based on specified conditions.

c. Generation for Reporting is the ability to view information on the screen and/or hard copy.

d. Update/Maintenance is the ability to change existing information.

e. Analysis/Manipulation is the use of automated comparison and manipulation of information.

DERIVED USER REQUIREMENT EVALUATION

The Derived User Requirement Evaluation is the culmination to the Process Evaluation. The analysis at this point involves the generalization of similar activities into a label that portrays a clear automated user requirement.

As the candidate selection process progresses, the description of the requirement is enhanced by the activities attributed to that requirement. With the analysis of each case it becomes easier to see which areas of the Land and Minerals programs are candidates for automation. The requirements are categorized to allow a clearer representation of the Land and Minerals automated case processing. Subcategories were also used within some of the categories to provide further structure when the number of requirements became excessive.

2.2.3 Data Evaluation (Candidates) Matrix

The Data Evaluation (Candidates) Matrix contains columns of information divided into three areas: Data Dictionary Elements, Evaluation Criteria and ALMRS Automated Data Areas. These areas and their components are described in the following paragraphs.

2.2.3.1 Data Dictionary Elements

The Data Dictionary Elements area contains the following information:

DATA NAME

Identifies the data element as specified in the Data Dictionary of each case or program. Some of the data items in the dictionary were actually processes or external entities. These data items were removed from the data evaluation matrices and not analyzed.

DATA TYPE

Each entry in the Data Dictionary is one of the following data types:

a. Data Store -- Physical holding for the data files (data base);

b. Data File -- Collection of related records;

c. Data Set -- A grouping of records within a file;

d. Data Record -- Collection of related elements;

e. Data Aggregate -- A grouping of elements for logical relation;

f. Data Element -- Lowest level data item; or,

g. Data Flow -- The data involved in the action, processing, or change when going from one process to another.

SEC

The security column indicates whether the data is general or sensitive. The analyst determined the security level of each item by reviewing who could view and update Land and Minerals and Technical Activities data. General data may be retrieved by all BLM personnel, other Government agencies, and the general public but may be updated by BLM personnel only. Sensitive data may be viewed by BLM personnel or the originating entity. For example, a contractor may review his proprietary lease information. Sensitive data may be updated by BLM personnel only.

DET

Determination (Automated or Manual). The analyst evaluated whether a data item could be automated by reviewing the Description, Definition, Ability to Update, and Ability to View entries in the Data Dictionary for each item.

Key words in the Data Dictionary description of the data name such as "update," "retrieve," "form," and, "letter" signaled the potential for automation. Words used in the Data Dictionary definition such as "case number," "case type," "form," "serial number" and, "legal description" were also considered key words which identified data items as automation candidates. If the Data Dictionary description and definition did not provide enough detail, the DFDs and the process narratives were reviewed to determine how the data was used.

If a data item was determined to be manual, no further evaluation was performed.

2.2.3.2 Evaluation Criteria

The Evaluation Criteria area contains the following information:

INTERNAL SYSTEM — An "X" in this column indicates that the Data Dictionary element is part of a BLM system (e.g., Case Recordation, On-Line Recordation and Case Access (ORCA) System, Alaska Automated Land and Mineral Record System (AALMRS)). The column is blank if the element is not part of an internal BLM system. The specific internal system is not identified in this study.

SATISFY USER REQUIREMENT — The number in this column corresponds to one of the 23 user requirement categories (14 for Land and Minerals, 9 for Technical Activities) described in section 3. These requirements were derived from the Land and Minerals and Technical Activities Process Evaluation analysis.

2.2.3.3 ALMRS Automated Data Areas

The columns in this area are the ALMRS Automated Data Areas as outlined in the ALMRS Concept Document (1985). An "X" appears in the column(s) to which the Data Dictionary element applies.

LAND DESC — Land Description is data describing a parcel of land, as depicted on an official survey plat resulting from a cadastral survey. It

	may include metes and bounds, tracting, or parcel numbering description.
OWN & STAT	Ownership and Status is data concerning property rights, including rights to transfer and availability of land and its resources. It also includes mining recordation and Historical Index data.
SER # LOG	Serial Number Log is a system of unique identification numbers used by the BLM to track and control documents, case files, case actions, etc.
STIP	Stipulations pertain to land restrictions. These stipulations can be general stipulations for an area or can be added to a case at the time of case processing.
REGU REFR	Regulation Reference File contains data concerning Land and Minerals case regulations.
DOC REFR	Document Reference is an index to a collection of title documents, patents, deeds, orders, proclamations, etc.
CASE/PROJ ACTS	Case/Project Activities is data that allows the BLM to track and maintain the documents and legal instruments which make up case files in Land and Minerals and case/project files in Technical Activities.
BOND	Bond File contains state and nationwide bond data, including type, states covered, purpose of activity, amount, interest relationships, actions, and dates.
SURE	Surety File contains a listing of approved and licensed surety companies.
QUAL	Qualification data contains the names, addresses, and identification numbers of lease and land action qualified individuals.
MSTR NAME	Master Name is information on corporations or associations which have ten percent or more ownership interests in the BLM maintained land.
RES DATA	Resource Data is geographically referenced information from resource thematic maps.

GEO COOR	Geographic Coordinates contains numeric representations of latitude, longitude, and elevation for a point or points on the surface of the earth.

Originally, the Technical Activities were not included in the scope of ALMRS. However, Technical Activities data can be correlated to the ALMRS Automated Data Areas. The following paragraphs demonstrate how the ALMRS Automated Data Areas are used by the Technical Activities.

a. Land Description data is used by Engineering activities to investigate location data on a specific piece of land for project evaluation.

b. Ownership and Status data is used by Engineering when a public project, such as a dam, is under consideration by the BLM. Engineering investigates all land status records to determine if any negative impacts will result from such a project.

c. Serial Number Log data is used to track Cadastral Survey case events/folders and to track project events/folders for Engineering and Mapping Sciences.

d. Stipulations data is used by Engineering when a structure is being considered for a site.

Stipulations are analyzed for conflicts between the project objectives and the stipulations referenced in BLM files.

e. Regulations Reference File data is referred to when a structure is being designed and constructed by Engineering.

f. Document Reference data is used by Engineering to locate technical manuals, patents, and deeds that can be used for conflicts analysis.

g. Case/Project Activities data is used by both Land and Minerals and Technical Activities. Case files can originate from Cadastral Survey and project folders can originate from Mapping Sciences and Engineering. Case/Project files have actions associated with them and are documented by drawings, documents, and/or legal instruments.

h. Resource Data is used to support Cadastral Survey mining district sheet generation.

i. Geographic Coordinate data is used by Mapping Sciences in the generation of maps for Land and Minerals cases.

3 USER REQUIREMENTS

3.1 Introduction

The final user requirements were derived from the many requirements initially attributed to the automated activities within the processes. Categories were established as the analysis proceeded and these were refined as requirements were derived and described. Fourteen categories were derived for Land and Minerals, and nine for Technical Activities.

The categories, subcategories, and requirements are identified in **Figure 3-1**, Land and Minerals Records Processing Requirements and in **Figure 3-2**, Technical Activities User Requirements Structure Chart. A complete description of the 23 user requirement categories can be found in Section 3.2.

3.2 User Requirement Categories

For clarity and ease of understanding, the user requirements are grouped into the categories and subcategories described in the following paragraphs.

3.2.1 Case Transactions

BLM handles applications submitted by the public for use of the public lands. Each application is a case, processed according to the particular case type. The physical documents of the case are kept in case folders. The LIS will allow the public to enter the application data via terminals in the public rooms. As the data is entered and/or updated the information will be checked for accuracy and completeness. Application processing will require various automated capabilities. The Case Transactions will consist of Case Updating, Case Verification and Validation, Case Action Tracking, Case Activities, and Case Output.

3.2.1.1 Case Update

In support of Land and Mineral case processing, the capability to enter and/or update case-related information into a data store will be required. The Case Updates include Case Information Update, Mining Claim Information Update, Rental Information Update, Road/Transportation Update, and Royalty Information Update.

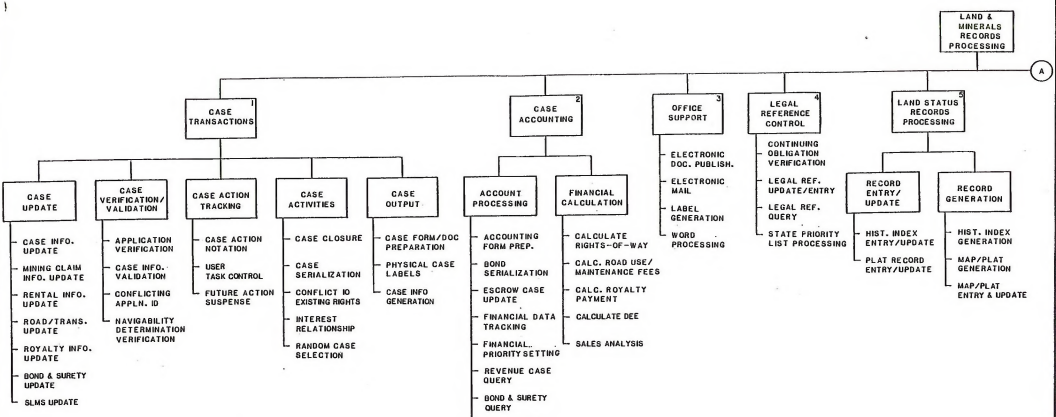

Figure 3-1. Land and Minerals Records User Requirements

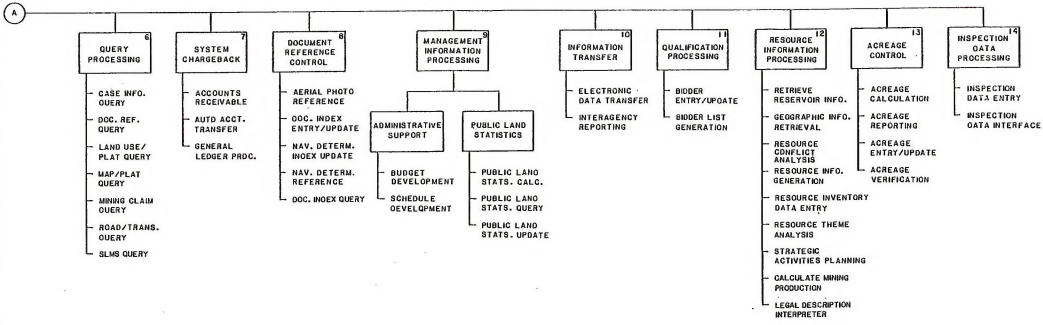

Figure 3-1. Land and Minerals Records User Requirements (Cont.)

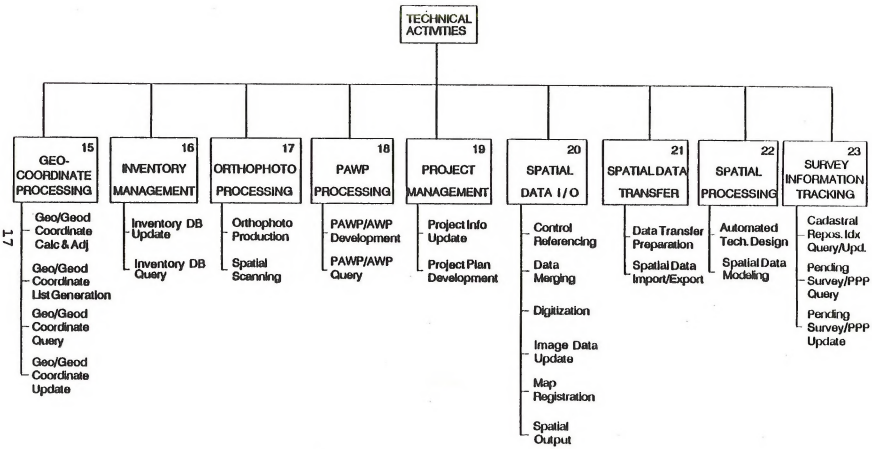

Figure 3-2. Technical Activities User Requirements

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3.2.1.2 Case Verification/Validation

In support of the Land and Minerals case processing, the LIS will check the case-related information entered into the system for validity. The requirements necessary for verification and validation include Application Verification, Case Information Validation, Conflicting Application Identification, and Navigability Determination Verification.

3.2.1.3 Case Action Tracking

In support of Land and Minerals case processing, the LIS will provide capabilities for the annotation of case activities. This tracking will be based on the pertinent status data of the case which is entered into the appropriate file. The Case Action Tracking requirements include Case Action Notation, Case Calendar, and Future Action Suspense.

3.2.1.4 Case Activities

In support of Land and Minerals case processing, the LIS will provide for miscellaneous activities that help maintain a case. The requirements for these Case Activities include Case Closure, Case Serialization, Conflicting Resolution of Existing Rights, Interest Relationship Processing, and Random Case Selection.

3.2.1.5 Case Output

In support of Land and Minerals case processing, the LIS will provide the capability for the preparation and generation of information related to a case. The Case Output requirements include Case Form/Document Preparation, Case Information Generation, and Physical Case File Labels.

3.2.2 Case Accounting

In the processing of a case, various accounting activities take place. To assist the BLM and to maintain accurate records the following areas will be a part of the LIS: Account Processing and Financial Calculations.

3.2.2.1 Account Processing

In support of Land and Minerals case processing, the LIS will provide the capabilities to manage the accounting activities pertinent to a case and case-related items. Account Processing will consist of detailed user requirements for Accounting Form

Preparation, Bond Serialization, Escrow Case Update, Financial Data Tracking, and Financial Priority Setting.

3.2.2.2 Financial Calculation

In support of Land and Minerals case processing, the LIS will have the capability to determine certain fees via built-in calculation programs. The Financial Calculation capabilities will consist of Calculation for Rights-of-Way Rental, Road Use and Maintenance Fees, and Royalty Payments.

3.2.3 Office Support

Office Support will consist of the detailed requirements for all Land and Minerals Office Support capabilities to include Document Publishing, Electronic Mail, and Word Processing. It should be noted that the office support items listed here are in relation to Land and Minerals Records Processing only; the Office Automation/Modernization effort addresses the complete office support requirements.

3.2.4 Legal Reference Control

In support of Land and Minerals case processing, the LIS will interact with the legal mandates that pertain to the cases. The Legal Reference Control requirements include Continuing Obligation Verification, Legal Reference Entry and Update, Legal Reference Query, and State Priority List Processing.

3.2.5 Land Status Records Processing

In support of Land and Minerals case processing, the LIS will provide entry, update, and generation of the record information applicable to the cases. Land Status Records Processing consists of Land Status Record Entry/Update and Record Generation.

3.2.5.1 Record Entry/Update

The detailed user requirements for the entry and update of record information include Historical Index Entry/Update and Plat Records Entry/Update.

3.2.5.2 Record Generation

The detailed user requirements necessary for the production of the case-related record information include Historical Index Generation and Map/Plat Generation.

3.2.6 Query Processing

In support of Land and Minerals case processing, the LIS will provide the necessary capabilities for the BLM user, the public user, and non-BLM agencies to view the information concerning a case. Appropriate security measures, as determined by the Bureau, will be supplied to limit access authorization. The display of the information will be accomplished by combining prestored, preformatted background information (i.e., tables, windows, and display forms) with the retrieved information. The Query Processing requirements include Case Information Query, Document Reference Query, Land Use/Plat Query, Map/Plat Query, Mining Claim Query, and Road/Transportation Query.

3.2.7 System Charge Back

System Charge Back consists of the detailed user requirements for all Land and Minerals case processing charge backs. These requirements include Accounts Receivable, Automatic Account Transfer, and General Ledger Processing. It should be noted that the Bureau's financial accounting is processed in the Auditing and Financial System (AFS) and Bonus and Rental Accounting Support System (BRASS) of the Minerals Management Service (MMS) and the Financial Management System (FMS). The requirements relate to the case processing interface with these systems.

3.2.8 Document Reference Control

The LIS will have the capability to reference, and if applicable, enter and update, Land and Minerals records. The Document Reference Control requirements include Aerial Photo Reference, Document Index Entry/Update, Navigability Determination Index Update, and Navigability Determination Reference.

3.2.9 Management Information Processing

In support of Land and Minerals case processing, the LIS will provide the necessary tools for BLM to properly manage the case load. Management Information Processing consists of Administrative Support and Public Land Statistics of Land and Minerals records.

3.2.9.1 Administrative Support

Administrative support will consist of the user requirements necessary for the development of budgets and schedules needed to carry out the processing of Land and Minerals cases. The Administrative Support requirements include Budget Development and Schedule Development.

3.2.9.2 Public Land Statistics

Public Land Statistics will consist of the user requirements for the calculation, query, retrieval, and update of the statistics about the public land in support of the Land and Minerals case processing. Public Land Statistics is an actual Bureau document that appears annually. The LIS will provide support functions to the publication of this document. The Public Land Statistics user requirements include Public Land Statistics Calculation, Public Land Statistics Query/Retrieval, and Public Land Statistics Update.

3.2.10 Information Transfer

In support of Land and Minerals case processing, the LIS will have the capability to transmit information between BLM offices and between BLM offices and related agencies. The Information Transfer requirements include Electronic Data Transfer and Interagency Reporting.

3.2.11 Qualification Processing

In support of Land and Minerals case processing, the LIS will provide the capability to accurately and fairly process bidder information. The Qualification Processing requirements include Bidder Entry/Update and Bidder List Generation.

3.2.12 Resource Information Processing

In support of Land and Minerals case processing, the LIS will have the capability to retrieve and manipulate BLM resource evaluation information. The Resource Information Processing detailed user requirements include Retrieve Reservoir Information, Geographic Information Retrieval, Resource Conflict Analysis, Resource Information Generation, Resource Inventory Data Entry, Resource Themes Analysis, and Strategic Activities Planning. It should be noted that this is not a complete list of the Resource and Technical Activities requirements, but is a list of only the requirements which support Land and Minerals case processing.

3.2.13 Acreage Control

In support of Land and Minerals case processing, the LIS will provide the capability for monitoring leased and patented acreage. The Acreage Control requirements include Acreage Calculation, Acreage Reporting, Acreage Entry/Update, and Acreage Verification.

3.2.14 Inspection Data Processing

In support of Land and Minerals case processing, the LIS will provide the capabilities to maintain the inspection data gathered by the inspectors in the field. The data gathered in the field will be entered into portable computers and transferred to main storage. The Inspection Data Processing requirements include Inspection Data Entry/Update and Inspection Data Interface.

3.2.15 Geocoordinate Processing

In support of Technical Activities, the LIS will provide the capability to calculate, adjust, and generate geographic or geodetic coordinates using approved cadastral and/or geodetic methods. The LIS will provide the capability to update/maintain, query, and generate reports from the geographic/geodetic coordinate data. The Geocoordinate Processing requirements include Geographic/Geodetic Coordinate Calculation and Adjustment, Geographic/Geodetic Coordinate List Generation, Geographic/Geodetic Coordinate Query, and Geographic/Geodetic Coordinate Update.

3.2.16 Inventory Management

In support of Technical Activities, the LIS will provide the capability to enter, update/maintain, query, and report on the inventory data. Inventory data includes information such as location, size, type, and design for roads, structures, and facilities. The Inventory Management requirements include Inventory Database Query and Inventory Database Update.

3.2.17 Orthophoto Processing

In support of Technical Activities, the LIS will provide the capability to collect, rectify, and enhance photographic and satellite imagery data in the production of orthophotographs. The Orthophoto Processing requirements include Orthophoto Production and Spatial Scanning.

3.2.18 PAWP Processing

In support of Technical Activities, the LIS will provide the capability to prepare and update/maintain the Preliminary Annual Work Plan (PAWP). The LIS will provide the capabilities to query and report on the PAWP. The LIS will provide the capability to transfer data between BLM offices, and between the Washington Office (WO) and other BLM offices. The LIS will provide the capability to consolidate PAWP inputs into PAWP and Annual Work Plan (AWP) reports. The PAWP Processing requirements include PAWP/AWP Development and PAWP/AWP Query.

3.2.19 Project Management

In support of Technical Activities, the LIS will provide the capability to enter, update/maintain, query, and report on project management related data. Project management data includes, at a minimum, planning, cost, and schedule information. The LIS will provide the capability to model future projects using historical project data. The Project Management requirements include Project Plan Development and Project Information Update.

3.2.20 Spatial Data I/O

In support of Technical Activities, the LIS will provide the capability to gather spatial information through automated means (i.e. spatial scanning) and/or user entry. The LIS will provide the capability to register maps, transfer control referencing, and merge/update/maintain imagery data. The LIS will provide the capability to produce spatial outputs. Such output shall be based on, at a minimum, user-defined scales and user-specified colors. The Spatial Data I/O requirements include Control Referencing, Data Merging, Digitization, Image Data Update, Map Registration, and Spatial Output.

3.2.21 Spatial Data Transfer

In support of Technical Activities, the LIS will provide the capability to prepare spatial data for transfer between BLM offices, Government agencies, and private or public sectors, using acceptable proprietary or public domain data transfer standards. The LIS will transfer this data via electronic means. The LIS will provide the capability to exchange spatial data between various GIS systems using specialized formats. The Spatial Data Transfer requirements include Data Transfer Preparation and Spatial Data Import/Export.

3.2.22 Spatial Processing

In support of Technical Activities, the LIS will provide the capability to produce two-and three-dimensional designs by automated methods of specialized structures and facilities. The LIS will provide the capability to model spatial data in two- and three-dimensional perspectives by automated methods. Modeling includes, at a minimum, the update and maintenance of the historical map data, the processing of overlay data themes, producing slope and aspect results, conducting contour analysis, and conducting conflict resolution analysis. The Spatial Processing requirements include Automated Technical Design and Spatial Data Modeling.

3.2.23 Survey Information Tracking

In support of Technical Activities, the LIS will provide the capability to query and update/maintain current and historical survey information. The current survey information will be in the form of pending survey and/or the Patent Plan Process (PPP) information. The historical survey information will contain the cadastral repository index, which includes references to the Secretary's copies of the field notes and cadastral plats. The Survey Information Tracking requirements include Cadastral Repository Index Query/Update, Pending Survey/Patent Plan Process Query, and Pending Survey/Patent Plan Process Update.

3.3 ALMRS Automated Data Areas/User Requirements Matrix

Appendix B contains the Data Evaluation Matrices for each Land and Minerals case type, global process, and Technical Activity. The matrices show the user requirements (by category number) satisfied by each data item. The matrices also show the data areas to which each data item belongs.

Figure 3-3, ALMRS Data Areas/User Requirements Matrix, is provided as a convenient summary of the correlations shown on the various Data Evaluation Matrices.

L & M User Requirement Categories \ Automated Data Areas	Land Desc	Own. and Status	Serial Log	Slips	Reg. Refer.	Doc. Ref.	Case Proj Acts	Bond	Surety	Qual	Master Name	Res Data	Geo. Coord
1. Case Transactions	X	X	X	X	X	X	X	X	X	X	X	X	X
2. Case Accounting	X	X	X		X	X	X	X	X	X	X	X	
3. Office Support	X	X	X	X	X	X	X	X	X		X	X	X
4. Legal Reference Control	X	X	X	X	X	X	X					X	X
5. Land Status Records Proc.	X	X	X			X	X	X				X	X
6. Query Processing	X	X	X	X	X	X	X	X	X		X	X	X
7. System Charge Back		X	X				X	X				X	
8. Document Reference Control	X	X	X	X	X	X	X					X	X
9. Management Info. Proc.	X	X	X	X	X	X	X					X	
10. Information Transfer	X	X	X	X	X	X	X	X	X	X	X	X	X
11. Qualification Processing		X	X	X	X		X			X	X	X	
12. Resource Information Proc.	X	X	X	X		X	X	X				X	X
13. Acreage Control Processing	X	X	X	X		X	X			X		X	X
14. Inspection Data Processing	X	X	X			X	X					X	X
TA User Requirement Categories													
15. Geocoordinate processing	X	X	X			X	X					X	X
16. Inventory Management	X	X	X				X					X	X
17. Othophoto Processing	X	X	X				X					X	X
18. PAWP Processing		X	X				X					X	
19. Project Management		X	X		X		X						
20. Spatial Data I/O	X	X	X				X					X	X
21. Spatial Data Transfer	X	X										X	X
22. Spatial Processing	X	X					X					X	X
23. Survey Information Tracking	X	X	X		X	X	X	X			X	X	X

Figure 3-3. ALMRS Data Areas/User Requirements Matrix

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3.4 User Requirement Descriptions

Section 3.5 contains descriptions of the user requirements in order of category and subcategory. Each page contains the name and description of a requirement, and its category and subcategory. Each requirement is traced to the Automated Data Processing area(s) (software areas) it best fits. The requirement is also traced to each case type containing an activity from which the requirement was derived.

The user requirement description page contains the following information:

REQUIREMENT #	This is a control identifier used for maintenance of the requirement data base.
CREATION DATE	The date on which the requirement was first identified and described.
PRIORITY VALUE	The priority value of the user requirement is based on the values assigned to the processes from which the user requirement was derived. The priority value of the requirement is the highest priority given to a process from which the requirement was derived.
NAME	The user requirement name.
DESCRIPTION	A description of the requirement based on the process(es) from which the requirement was derived.
CATEGORY	The name of the category in which the requirement is placed.
SUBCATEGORY	The name of the subcategory, if applicable, in which the requirement is placed.
SECURITY	The security determination based on the data elements used with the requirement.
INFORMATION PROCESSING AREAS	The ADP areas satisfied by the requirement.

SOURCE	The origination of the user requirement followed by case type(s) from which the user requirement has been derived. The case types are those identified in the ALMRS Current System Description. For Technical Activities the Land Information System Technical Activities is the source with the appropriate program indicated. This indicator provides for direct mapping to the case type or program which contained the requirement.

3.5 The User Requirements

The following pages contain detailed descriptions of the final user requirements produced.

3.5.1 Alphabetical Listing - Land and Minerals

The following pages contain the Land and Minerals user requirements in alphabetical order.

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US027 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Accounting Form Preparation

DESCRIPTION: Produce an accounting advice, with as many copies as required, for distribution to the appropriate entities (e.g., the public, the State finance office). The authorized individual will have the capability to access the internal BLM account(s) to update the information.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[X]	Rights-of-Way	[X]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US056

CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Accounts Receivable

DESCRIPTION: Create, maintain, and permit query on-line of the amount of charges due to the BLM which are incurred in the BLM public rooms. For example, when the public requests a particular map, the cost of that service can be viewed on-line and the LIS will have the capability to charge this amount to the appropriate account.

CATEGORY: System Chargeback
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US072

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Acreage Control Calculation

DESCRIPTION: Calculate acreage for a spatial display area when provided with the parcel description. The LIS will be capable of sizing acreage on a time frame basis, such as a calendar year (e.g. not to exceed a certain number of acres per year). The LIS shall provide the capability to determine the allowable acres to be used for some purpose based on the BLM policies and procedures.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US099

CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Acreage Control Reporting

DESCRIPTION: Produce an acreage report using the case data and appropriate acreage calculation results.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US074 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Acreage Entry/Update

DESCRIPTION: Provide the capabilities for the user to enter and update the acreage information pertaining to a case. The acreage information could be the chargeable acres for a particular use or the new acres associated with a particular usage.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) .... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US073 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Acreage Verification

DESCRIPTION: Verify the acreage conveyed against a corporation's entitlement to determine if the corporation has enough land remaining to fulfill its entitlement. The LIS will verify that the acreage conveyed is in compliance with the allowable acreage specified by law or regulation. The LIS will verify the acreage against the status of the land.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US062 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Aerial Photo Reference

DESCRIPTION: Provide the capability to query an index reference of aerial photos. The information retrieved will contain, for example, where to find the actual stored photos. The LIS will provide the user with the capability to enter parcel data and have on-line screen display or hard copy report of the index reference and appropriate data.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US013 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Application Verification

DESCRIPTION: Automatically verify all appropriate data of the application against a predetermined range of values and ensure the application is not in conflict with any pending applications.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[X]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US058 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Automatic Account Transfer

DESCRIPTION: Electronically transfer funds from one BLM account to another. Automatic account transfer is necessary when a corporation has incurred a charge and the payment or billing is transferred from that corporation's account to the BLM.

CATEGORY: System Chargeback
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US077 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Bidder Entry/Update

DESCRIPTION: Provide the capabilities to enter, update, and tabulate the bidder information received for a sale. The bidder information contains, at a minumum, the bidder name and address, and the monetary amount of the bid.

CATEGORY: Qualification Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US078

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Bidder List Generation

DESCRIPTION: LIS will generate and print the bidder results. This report will contain the information necessary for public notification of bidder results.

CATEGORY: Qualification Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US119

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Bond and Surety Query

DESCRIPTION: Provide the capability to query into the Bond and Surety information. At a minimum, this information should include; surety name, surety address, limitations, bond status, bond amount, states covered, activity covered, and lease data.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US123

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Bond and Surety Update

DESCRIPTION: Provide the capability to update the Bond and Surety System. The information accessible for update should include, at a minimum, surety name, surety address, limitations, bond status, bond amount, states covered, activity covered, and lease data.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US031

CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Bond Serialization

DESCRIPTION: Generate unique, sequential bond serial numbers for a bond. The bond is issued by the Bond and Surety system and contains bond riders, abstracts, principal and surety name and address, and necessary field reports.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US064 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Budget Development

DESCRIPTION: Prepare a budget for the planning team according to information contained in the Annual Work Plan. The LIS will provide the user with input parameters to establish budget information including support services and allow for the interactive manipulation of the data to create different budget plans.

CATEGORY: Management Information Processing
SUBCATEGORY: Administrative Support
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US122

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Calculate DEE

DESCRIPTION: Calculate the Diligent Exploration Expenditure (DEE). The calculation is base on the formula as published in the CFR.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US116 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Calculate Mining Production

DESCRIPTION: Calculate the amount of minerals taken from a mine, using inspection data, map data, and production status reports. Reports of mineral amounts should be able to cover variable periods of time (ie, weekly, monthly).

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US090 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Calculate Rights-of-Way Rental

DESCRIPTION: Calculate rights-of-way rental according to the pre-defined formula and schedule as published in the Code of Federal Regulations (CFR). Allow the user to maintain on-line the rights-of-way schedule/formula, which are subject to change yearly according to the Treasury Securities Constant Maturity rate.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculations
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US087 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Calculate Road Use and Maintenance Fees

DESCRIPTION: Calculate road use and maintenance fees based on input of road use and maintenance information. The formulas for calculating the fees are based on the relational values of the road, the volume of commercial traffic on the road and, in specific unit areas, on a statewide average fee. The formulas will be maintainable on-line with a report produced of the calculation inputs, process, and results.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculations
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US088

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Calculate Royalty Payment

DESCRIPTION: Calculate the amount of royalty payment based on yearly revenue recipt reports and determine the percentage of revenue due the Federal Government.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculations
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US002 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Action Notation

DESCRIPTION: Identify the date and time of the receipt of an application and all other traceable case activities as maintained by case serialization. This will consist of reports identifying the status of the case.

CATEGORY: Case Transactions
SUBCATEGORY: Case Action Tracking
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US010 CREATION DATE: 03/18/88
PRIORITY VALUE: 0.00

NAME: Case Calendar

DESCRIPTION: *** SEE 'User Task Control'

CATEGORY:
SUBCATEGORY:
SECURITY:

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US022 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Case Closure

DESCRIPTION: Update/archive the data of a case to the appropriate data base when the case is closed. A case is closed upon termination of the lease/permit. The updated archived data includes, at a minimum, the closure date, the action taken, what entities have been provided notification about the case, and the statistics needed by Docket for the serial reqister page.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US008 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Case Form/Document Preparation

DESCRIPTION: Generate completed forms and/or documents, pertinent to a case, containing specific data base information selected by the user. The forms and documents may already be preprinted, in which case the LIS will print only specified data on the form, or the entire form/document will be produced following Government guidelines for the format and content.

CATEGORY: Case Transactions
SUBCATEGORY: Case Output
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[X]	Global: Appeals
[ ]	Sales	[X]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US003 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Generation

DESCRIPTION: Generate the case related information for output to various media forms, including disk files, magnetic tapes, data files, screen displays, and paper listings. Each of these outputs will have a Government specified format for the selected data.

CATEGORY: Case Transactions
SUBCATEGORY: Case Output
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US014 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Query

DESCRIPTION: Provide the capability to query the on-line case information. The case information will include, at a minimum, applicant information, status updates from system users and other processing functions which are recorded upon completion of each phase/activity, and pending events. The LIS shall allow authorized users to query the case information with a serial number, action code, entity name, and/or case type.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US007 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Update

DESCRIPTION: Update case data actions (events); e.g., case recordation actions. Also update any fees or schedules impacted by status and agreement changes. Update internal and external systems as specified in the Interface Study.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[X]	Withdrawals	[ ]	Baseline Records
[X]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[X]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[X]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[X]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US009 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Validation

DESCRIPTION: Validate the case information entered into the case processing data base against the land description, status data, and applicable legal references.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[X]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US001 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Serialization

DESCRIPTION: Assign a specific identification code to a case to facilitate tracking and filing of the case. This code will conform to the Case Recordation system and will contain, at a minimum, the State in which the applicant resides, the State Office of the filing and an identification number.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US017 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Conflict Identification of Existing Rights

DESCRIPTION: Identify conflicts in existing rights, such as an interim conveyance which includes lands which were generating revenues, or lands for patent which have leases, permits, or rights-of-way previously approved. Search appropriate data stores to determine such confiicts.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US019 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Conflicting Application Identification

DESCRIPTION: Identify conflicting applications filed on the same parcel of land. A message shall be displayed on the screen notifying the user that there is a conflict on the applied use of the land and conflicts based on the legal criteria pertaining to the land.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US040 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.00

NAME: Continuing Obligation Verification

DESCRIPTION: Upon user request, verify whether the specified property of a case is under obligation for the BLM to process for inclusion in the Cook, Inlet Region, Incorporated (CIRI) Pool. After input of the property name and the land description, the data shall be cross-referenced to the CIRI Pool.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US118 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Cost/Benefit Analysis

DESCRIPTION: The LIS shall provide Discounted Cash Flow (DCF) analysis includeing Fair Market determination to identify the benefits vs. revenue generated (paybacks) and cost items/factors. This analysis uses discount rates and lifetime estimates to view the total project. The analysis should make use of modeling efforts to provide a complete economic evaluation.

CATEGORY: Cost Accounting
SUBCATEGORY: Account Processing
SECURITY: Sensitive

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US059 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Document Index Entry/Update

DESCRIPTION: Provide, upon user request, the capability to enter and update geographic state orders to the Miscellaneous Document Index.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US120 CREATION DATE: 06/23/88
PRIORITY VALUE: 2.00

NAME: Document Index Query

DESCRIPTION: Retrieve location of the Industry Standards from the Technical Library

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US050 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Document Reference Query

DESCRIPTION: Provide the capability to query the Document Cross Reference. This query will guide the researcher to various source documents. The Document Cross-Reference is a file listing containing the index of government agency publications and their contents. Similar to a library card catalogue, the user will be able to query such items as subject matter and have the reference information provided on the screen or hard copy.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US034 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Electronic Data Transfer

DESCRIPTION: Transfer data between various computers as well as the software within BLM and related agencies, such as MMS. (The complete analysis of the entities involved in data transfer is contained in the Interface Study)

CATEGORY: Information Transfer
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US036 CREATION DATE: 03/18/88
PRIORITY VALUE: 1.67

NAME: Electronic Document Publishing

DESCRIPTION: Provide the capability to electronically publish documents using desk-top publishing technology. The publishing capability will include, at a minimum, graphics, layout, and printer/plotter for hard copy production. One example of a document to be published is the final Environment Assesment.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety ,
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US033 CREATION DATE: 03/18/88
PRIORITY VALUE: 1.17

NAME: Electronic Mail

DESCRIPTION: Provide the ability to transfer and/or receive mail and messages electronically between various computers, users within BLM, and related agencies. At a minimum, electronic mail will identify the date and time of message transmissions, queue pending messages, notify the user of messages in the queue, obtain hard copies of messages, store copies of messages in local files, and provide receipt of the transmission of messages.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[ ]	Salables
[X]	Exchanges	[X]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US029

CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Escrow Case Update

DESCRIPTION: Update information, upon user request, to an escrow log. The information to update includes financial data on monies which are to be deposited into an escrow account. This is the money that is received as rental on the lands tentatively approved for conveyance.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US026 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Financial Data Tracking

DESCRIPTION: Track all financial data relating to a particular case or group of cases for any period of time and allow this data to be interactively queried. The LIS will have interface capability to the Minerals Management Service systems for receiving lease financial standing information.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US103 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Financial Priority Setting

DESCRIPTION: Prioritize the bids received for the sale of competitive leases from highest to lowest. Check the validity of the amount of money bid as this data is entered into the system and perform any necessary calculations.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US025 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Future Action Suspense

DESCRIPTION: Alert the user to case action suspense dates via an automated tickler file (using a pink screen!). The tickler file will contain a reminder to the user when a specific procedure should take place. The file will have on-line capability and hard copy reporting capabiltiy.

CATEGORY: Case Transactions
SUBCATEGORY: Case Action Tracking
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[ ]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US057 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.00

NAME: General Ledger Processing

DESCRIPTION: Maintain a general ledger and provide for the addition/update or deletion of the public entity accounts and the internal BLM accounts.

CATEGORY: System Chargeback
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US071 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Geographic Information Retrieval

DESCRIPTION: The LIS will retrieve and display geographic information by graphically plotting its location on the earth. The LIS will retrieve the geographic information when provided with land identifier(s) (e.g., legal description, geopraphical coordinates). The displays will be in the form of screen displays, screen overlays, and printouts.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[X]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US043 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Historical Index Entry/Update

DESCRIPTION: Provide the capability for the authorized user to enter and update the information of an automated Historical Index. This information shall include, at a minimum, all actions which affect use of or title to public lands and resources. Each township has its own Historical Index.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Entry/Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US046

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Historical Index Generation

DESCRIPTION: Generate a file listing of the Historical Index for a township or a collection of townships. The listing will contain, at a minimum, all actions within a specified date range, which affect the use of or title to public land and resource.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Generation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US107 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Inspection Data Entry/Update

DESCRIPTION: The LIS will provide to the user the capability to enter and maintain the information gathered from a field inspection.

CATEGORY: Inspection Data Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US109 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Inspection Data Interface

DESCRIPTION: The LIS will provide to the user the capability to interact with the facts and figures accumulated in a field inspection.

CATEGORY: Inspection Data Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US066 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Interagency Reporting

DESCRIPTION: Permit authorized access to other agency computer data for report generation. (The complete analysis of the entities involved in data transfer is contained in the section of the Specification titled, Communication Requirements.)

CATEGORY: Information Transfer
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US005 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Interest Relationship Processing

DESCRIPTION: Track interest relationship on-line, calculate percentage of interest relationship in cases, and allow the user to add, update, delete and query the interest relationship data. The interest relationship data is the percentage of interest that an individual, corporation, or State shares in a paticular case and currently comes from CR/ORCA/AALMRS. If there is a change in the user(s) of the case the LIS will need to determine and make the change in the interest relationship.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US079 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Label Generation

DESCRIPTION: Generate name and address labels from the data base for public mailing of documents, notices, and other mailings as required. The user will have the ability to choose the information and the format of the information to be generated.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US085 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Land Use/Plat Query

DESCRIPTION: Provide the capability to query the land use status plat for land use and restriction(s), given a particular parcel description. The LIS shall allow a land use map and/or plat to be displayed graphically on an on-line screen or written to a hard copy peripheral device.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US112 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Legal Description Interpreter

DESCRIPTION: NOTE: This requirement is also listed as a requirement for the Spatial Data Processing. Legal Description Interpreter will support the entry and interpretation of legal descriptions for both rectangular survey areas and metes and bounds survey types, provide access to coordinate geometry processes, and generate a coordinate base from the legal descriptions. (Refer to paragraph 3.2.4 of the LIS Functional Specification, April, 1988)

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US037 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Legal Reference Entry/Update

DESCRIPTION: Provide the capability to enter and update information relating to legal reference entitlements. This information shall include, at a minimum, public laws, regulations, policy and procedures, and Interior Board of Land Appeals (IBLA) Decisions.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US038 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.00

NAME: Legal Reference Query

DESCRIPTION: Provide the capability to query the legal reference entitlements. The response to the query will be in hard copy form and/or on-line screen display.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US115 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Map/Plat Entry and Update

DESCRIPTION: Update the Map and/or plat with information, such as the mining data. This will be a working model, the Public Land Records contains the official map/plat.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Generation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US047

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Map/Plat Generation

DESCRIPTION: Generate a map and plat, with overlays, graphically on an on-line screen and/or written to a hard copy peripheral device. The output will include all information needed by the adjudicator for review of a case.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Generation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US041 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Map/Plat Query

DESCRIPTION: Provide the capability to query the maps/plats, and/or the data of the maps/plats, given a particular parcel description. The LIS will allow a map and/or plat to be displayed graphically on an on-line screen and/or written to a hard copy peripheral device.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[ ]	Exchanges	[X]	Locatables
[X]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US093

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Mining Claim Information Update

DESCRIPTION: Update the mining claim information. Mining claim information includes mineral evaluation, mineral documents, and mineral land status. Verify the ownership of the mineral rights.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US086 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Mining Claim Query

DESCRIPTION: Provide the capabiltiy to query the mining claim information, given a particular parcel description. Once the information is retrieved the LIS shall produce screen display(s) of the data or hard copy report(s). The user will have the ability to specify the mining claim information to be retrieved.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US060 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Navigability Determination Index Update

DESCRIPTION: Provide the capability to update the Navigability Determinations Index.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US061 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.83

NAME: Navigability Determination Reference

DESCRIPTION: Provide the reference information for the location of navigability maps. The LIS will display on the screen or report on hard copy the map information and any policy changes for a Determine Navigability action.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignment
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US021

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Navigability Determination Verification

DESCRIPTION: Verify that a Navigability Determination was performed and noted to the records. The user will be able to request this information and be notified by the system of the status of the Navigability Determination.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ] Public Administration
[ ] Acquisitions
[ ] Exchanges
[ ] Withdrawals
[ ] Land Classification
[ ] Occupancy & Use
[ ] Grants
[ ] Sales
[ ] Rights-of-Way
[ ] Leases & Permits
[X] Conveyances
[ ] Oil & Gas
[ ] Geothermal
[ ] Coal

[ ] Solids
[ ] Salables
[ ] Locatables
[ ] Baseline Records
[ ] Global: Accounting
[ ] Global: Acreage Control
[ ] Global: Appeals
[ ] Global: Assignments
[ ] Global: Bond & Surety
[ ] Global: Docket
[ ] Global: Resource Evaluation
[ ] Global: Resource Mgt Plan
[ ] Global: Survey
[ ] Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US006 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.66

NAME: Physical Case File Labels

DESCRIPTION: Produce labels for the physical case file folders at the same time as the case is established and serialized. This will ensure accuracy of the case number assigned to the name and address of the applicant.

CATEGORY: Case Transactions
SUBCATEGORY: Case Output
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[X]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US042 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Plat Records Entry/Update

DESCRIPTION: Provide the capability to enter and update the survey/ownership data and any other pertinent record data of the plat. This data includes, at a minimum, the land title data and the partial assignment data.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Entry/Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[X]	Salables
[ ]	Exchanges	[X]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US096 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Public Land Statistics Calculation

DESCRIPTION: Calculate various statistics about the public lands, as required by the Annual Report to Congress. These statistics will include total amount of land leased, total number of patents issued, amount of money generated, total number of oil well permits issued, and amount of land acquired. A variety of statistical manipulations and graphical displays will be provided, such as averages, means, standard deviations, histograms, and plots.

CATEGORY: Management Information Processing
SUBCATEGORY: Public Land Statistics
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US095 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Public Land Statistics Query/Retrieval

DESCRIPTION: The LIS will, upon user query, find and report the public land statistical data. The user shall have the ability to select the data and be provided with the information via on-line screen display and/or hard copy reports.

CATEGORY: Management Information Processing
SUBCATEGORY: Public Land Statistics
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US063 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Public Land Statistics Update

DESCRIPTION: Provide the capability to enter, update, and track the statistics about the public land, such as land sold and acquired by the BLM, or oil and gas leases issued.

CATEGORY: Management Information Processing
SUBCATEGORY: Public Land Statistics
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US102

CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Random Case Selection

DESCRIPTION: Randomly choose the processing order of the successful bidders. The adjudicator oversees this drawing when there are simultaneous offers for an over-the-counter (OTC) lease.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US091

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Rental Information Update

DESCRIPTION: Update rental fee schedules or rental calculation formulas. Update rental data on individual cases based on, at a minimum: name change, address change, change in assignments, adjustment to rental property, renewals, terminations, amendments, and overdue payments. The rental fee schedule is published in the Federal Register and the fees are based on the specific use of the land and geo/economic factors.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US094 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Resource Conflict Analysis

DESCRIPTION: Provide information needed for user(s) to identify conflicts and potential conflicts in resource use related to land areas involved in land and mineral cases.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US090 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Resource Information Generation

DESCRIPTION: Allow the user to retrieve information for the generation of resource area profiles. The profile shall be generated in the form of on-line screen display(s) and printout(s). The information retrieved shall include, at a minimum, oil and gas deposit data, rangeland management data, and timber data.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US069 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Resource Inventory Data Entry

DESCRIPTION: Certain information generated from the processing of land and mineral cases will be applicable to the LIS data base. The LIS will provide the capability for the user to add selective land and mineral resource data into the LIS data base. This information includes the supporting data for Resource Management Planning alternatives such as resource area, themes, geographic area, and land use description.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US082 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Resource Theme Analysis

DESCRIPTION: Provide the capability to maintain overlays of resource data indexed by LLD. The LIS will allow for the user to query all resource information available on a particular parcel and use the retrieved information to analyze the resource use of the parcel.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[X]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US110

CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Retrieve Reservoir Information

DESCRIPTION: Retrieve water reservoir base capacity from reservoir information.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ] Public Administration
[ ] Acquisitions
[ ] Exchanges
[ ] Withdrawals
[ ] Land Classification
[ ] Occupancy & Use
[ ] Grants
[ ] Sales
[ ] Rights-of-Way
[ ] Leases & Permits
[ ] Conveyances
[X] Oil & Gas
[X] Geothermal
[ ] Coal

[ ] Solids
[ ] Salables
[ ] Locatables
[ ] Baseline Records
[ ] Global: Accounting
[ ] Global: Acreage Control
[ ] Global: Appeals
[ ] Global: Assignments
[ ] Global: Bond & Surety
[ ] Global: Docket
[ ] Global: Resource Evaluation
[ ] Global: Resource Mgt Plan
[ ] Global: Survey
[ ] Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US023 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Revenue Case Query

DESCRIPTION: Provide the capability for authorized users to query the case information data that is related to revenue generation and escrow amounts.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US051 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Road/Transportation Query

DESCRIPTION: Provide the capability to perform a query of the Road/Transportation System information. The user will be able to input a particular road number and the LIS will retrieve the road transportation information about that particular road.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US092

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Road/Transportation Update

DESCRIPTION: Upadate road use, maintenance, and fee data of the Road Transportation System. The Road Transportation System contains, in part, the road number, the ownership/control of the road, and the class of the road. This information is part of the current Case Recordation System.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US089

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Royalty Information Update

DESCRIPTION: Update revenue and royalty data to the individual cases. Royalty data includes royalty fees, which are the monies paid to the Government over and above rental fees. Royalty fees are base on a percentage of the gross income from energy production.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US127 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Sales Analysis

DESCRIPTION: Performs analysis to compare the pre-sale estimate conducted by the Bureau to the bid amounts received on a sale. The pre-sale data is highly sensitive and should remain hidden from the public. Once the bid amounts are entered, the system produces a report identifying bidders whose bids were closest to the pre-sale estimate.

CATEGORY: Cost Accounting
SUBCATEGORY: Financial Calculation
SECURITY: Sensitive

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US108

CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Schedule Development

DESCRIPTION: Prepares a schedule for the planning team based on information from the Annual Work Plan. The LIS allows the user to specify monitoring intervals and standards, establish a schedule and prepare activity plans. The LIS will have the interactive manipulation capability so BLM management can produce different scheduling schemes.

CATEGORY: Management Information Processing
SUBCATEGORY: Administrative Support
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US117 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: SLMS Query

DESCRIPTION: Check Solid Leasing Mineral System (SLMS) for applicant acreage holding.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US114

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: SLMS Update

DESCRIPTION: Update SLMS inventory database

CATEGORY: Case Transactions
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US111

CREATION DATE: 03/18/88
PRIORITY VALUE: 3.00

NAME: State Priority List Processing

DESCRIPTION: Compares a parcel of land specified in an application to lands listed in the State's Priority List. The State's Priority List is a file containing a yearly list of the lands the State wishes to have conveyed. Upon input of the land description, the LIS will check the priority list and report, via on-line screen display and hard copy, where the parcel of land ranks in relation to the priority list.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US068 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Strategic Activities Planning

DESCRIPTION: The LIS will provide the capabiltiy to maintain and query map overlays, indexed by LLD, depicting land use planning activities.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US010 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: User Task Control (Case Calendar)

DESCRIPTION: Determines the current status of a case. The user task control, in the form of a calendar, may be called up by the user and will provide on-line or hard copy reporting of a range of timing boundries for a case or a group of cases. This capability will facilitate the use, control and management of case-related actions in day-to-day operations.

CATEGORY: Case Transactions
SUBCATEGORY: Case Action Tracking
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US035 CREATION DATE: 03/18/88
PRIORITY VALUE: 1.67

NAME: Word Processing

DESCRIPTION: Provide network supportable word processing software in a multiuser environment to produce documents, memos, and letters. At a minimum, the word processing will provide storage and retrieval of the word processing files, produce hard copies of these files, and provide appropriate security identification to any document being prepared to ensure that proper system security control is maintained.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X] Public Administration	[X] Solids
[X] Acquisitions	[X] Salables
[X] Exchanges	[X] Locatables
[X] Withdrawals	[X] Baseline Records
[X] Land Classification	[ ] Global: Accounting
[X] Occupancy & Use	[X] Global: Acreage Control
[X] Grants	[X] Global: Appeals
[X] Sales	[X] Global: Assignments
[X] Rights-of-Way	[X] Global: Bond & Surety
[X] Leases & Permits	[X] Global: Docket
[X] Conveyances	[X] Global: Resource Evaluation
[X] Oil & Gas	[X] Global: Resource Mgt Plan
[X] Geothermal	[ ] Global: Survey
[X] Coal	[ ] Global: Trespass

3.5.2 Alphabetical Listing - Technical Activities

The following pages contain the Technical Activities user requirements in alphabetic order.

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR218

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Automated Technical Design

DESCRIPTION: Provide the capability to produce computer-aided engineering designs and models including, but not limited to, stress analysis, foundation loading, and wind and snow stress for human-made structures such as buildings, roads, bridges, and dams. Design and modeling will include mechanical, civil, electrical, and hydraulic schematics and drawings.

CATEGORY: Spatial Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[ ] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR223

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Cadastral Repository Index Query/Update

DESCRIPTION: Provide the capability to enter, query and update/maintain the cadastral repository index. The index contains information related to the survey, the survey plat, or field book location.

CATEGORY: Survey Tracking
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR209

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Control Referencing

DESCRIPTION: Provide the capability to transfer geographic coordinate data from one source to another source, e.g., field control points to photos, photo control to photos, photo control to images, and field control to images. Also provide the capability to establish secondary control reference points as needed.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR214

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Data Merging

DESCRIPTION: Provide the capability to merge data sets and structures from two or more data sources such as satellite imagery, aerial photographs, vector or raster data sets, and ancillary attribute data. Also provide the capability to generate new or enhance old data sets or structures.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR225 CREATION DATE: 09/20/88
PRIORITY VALUE: 4.00

NAME: Data Transfer Preparation

DESCRIPTION: Provide the capability to prepare data for transfer to internal or external systems. Preparation techniques shall include, but not be limited to, online edit capability before transfer, format selection, and format transformation.

CATEGORY: Spatial Data Transfer
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR207

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Digitization

DESCRIPTION: Provide the capability to digitize of data using techniques such as, but not limited to, stream digitizing, point digitizing, line digitizing, scan digitizing, and conventional key board entry.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR217 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate Calculation/Adjustments

DESCRIPTION: Provide the capability to enter, update/maintain, and report on raw field data; compute coordinate positions; edit field data; and adjust coordinates with proper adjustment routines.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR205 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate List Generation

DESCRIPTION: Provide the capability for producing a list (paper or magnetic media) of geographic coordinates for a project area or for an area based on user-defined parameters. The list shall be produced on the completion of the proper calculation.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR222 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate Query

DESCRIPTION: Provide the capability to query the geographic coordinate data bases.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR208

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate Update

DESCRIPTION: Provide the capability to update/maintain geographic coordinate data bases, which include various coordinate systems.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR213

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Image Data Update

DESCRIPTION: Provide the capability to update/maintain satellite, photographic, or other image data through user interaction and computer processes.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR227

CREATION DATE: 09/20/88
PRIORITY VALUE: 3.00

NAME: Inventory Data Base Query

DESCRIPTION: Provide the capability to query and generate reports on roads, buildings, and other Engineering inventory data.

CATEGORY: Inventory Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[ ] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR226

CREATION DATE: 09/20/88
PRIORITY VALUE: 3.00

NAME: Inventory Data Base Update

DESCRIPTION: Provide the capability to enter and update/maintain the inventory data base with roads, buildings, and other Engineering inventory data.

CATEGORY: Inventory Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[ ] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR216

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Map Registration

DESCRIPTION: Provide the capability to mount and register maps to a geographic reference system or to a user-defined local coordinate system, to retrieve and interface with point, line, and/or polygon data, to encode data to disk file, and to allow geometric correction programs to access and manipulate that data.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR212

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Orthophoto Production

DESCRIPTION: Provide the capability for rectifying and producing orthophotos from scanned data or United States Geological Survey (USGS) Digital Elevation Model (DEM) data.

CATEGORY: Orthophoto Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR201

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: PAWP/AWP Development

DESCRIPTION: Provide the capability for field personnel to prepare Preliminary Annual Work Plan (PAWP) inputs, based upon previous years' Annual Work Plans (AWPs), historical project cost, current projects, and estimated future projects or estimated work projects. Provide the capability for the Washington Office to consolidate and edit all PAWP inputs and prepare the final Annual Work Plan.

CATEGORY: PAWP/AWP Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR221 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: PAWP/AWP Query

DESCRIPTION: Provide the capability to query the PAWP/AWP file for information contained within the Preliminary Annual Work Plan (PAWP) and the Annual Work Plan (AWP). The information will include, but not be limited to, the project codes and subactivity codes for Bureau, reimbursable, and contributed funds.

CATEGORY: PAWP/AWP Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR219 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Pending Survey/Patent Plan Process (PPP) Query

DESCRIPTION: Provide the capability to query the pending survey file or the patent plan process file for Alaska.

CATEGORY: Survey Information Tracking
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR220 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Pending Survey/Patent Plan Process (PPP) Update

DESCRIPTION: Provide the capability to update the pending survey file or the patent plan process file for Alaska.

CATEGORY: Survey Information Tracking
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR202 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Project Information Update

DESCRIPTION: Provide the capability to enter, update/maintain, and track project information, to include schedules, phase of the project, responsible person, and cost.

CATEGORY: Project Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR200 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Project Plan Development

DESCRIPTION: Provide the capability to enter, update/maintain, and report on preliminary and final cost (budget), time, and schedules for any given project. Provide the ability to retrieve historical cost, time, and pertinent data for the determination of future project cost, time and schedules.

CATEGORY: Project Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR210 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Data Import/Export

DESCRIPTION: Provide the capability to import and export data structures in various formats, to include United States Geological Survey (USGS) Digital Line Graph (DLG), Digital Elevation Model (DEM), and Federal Geographic Exchange Format (FGEF). Provide for on-line editing and parameter checking.

CATEGORY: Spatial Data Transport
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR206 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Data Modeling

DESCRIPTION: Provide the capability to model spatial data with results in two- or three-dimensional perspective. This shall include, but not be limited to, the processing of overlay data themes, the production of slope and aspect results, the conduct of contour analyses, and the conduct of conflict resolution analyses.

CATEGORY: Spatial Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR215 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Outputs

DESCRIPTION: Provide the capability of producing and publishing spatial maps and plots both in two and three dimensions, on output devices such as CRTs, printers, and plotters, in draft or publishable quality. In addition, the outputs can include graphical displays of horizontal and vertical controls, project boundary information, and other pertinent information, at user-defined scales.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR211

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Scanning

DESCRIPTION: Provide the capability of scanning various source materials, including, but not limited to, the scanning of dispositives for the production of DEMs, and scanning of raster and vector data.

CATEGORY: Orthophoto Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

3.5.3 Category Listing - Land and Minerals

The following pages contain the Land and Minerals user requirements in order by category.

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US099 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Acreage Control Reporting

DESCRIPTION: Produce an acreage report using the case data and appropriate acreage calculation results.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US073 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Acreage Verification

DESCRIPTION: Verify the acreage conveyed against a corporation's entitlement to determine if the corporation has enough land remaining to fulfill its entitlement. The LIS will verify that the acreage conveyed is in compliance with the allowable acreage specified by law or regulation. The LIS will verify the acreage against the status of the land.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US072 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Acreage Control Calculation

DESCRIPTION: Calculate acreage for a spatial display area when provided with the parcel description. The LIS will be capable of sizing acreage on a time frame basis, such as a calendar year (e.g. not to exceed a certain number of acres per year). The LIS shall provide the capability to determine the allowable acres to be used for some purpose based on the BLM policies and procedures.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US074

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Acreage Entry/Update

DESCRIPTION: Provide the capabilities for the user to enter and update the acreage information pertaining to a case. The acreage information could be the chargeable acres for a particular use or the new acres associated with a particular usage.

CATEGORY: Acreage Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US103

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Financial Priority Setting

DESCRIPTION: Prioritize the bids received for the sale of competitive leases from highest to lowest. Check the validity of the amount of money bid as this data is entered into the system and perform any necessary calculations.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US027 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Accounting Form Preparation

DESCRIPTION: Produce an accounting advice, with as many copies as required, for distribution to the appropriate entities (e.g., the public, the State finance office). The authorized individual will have the capability to access the internal BLM account(s) to update the information.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[X]	Rights-of-Way	[X]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US023 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Revenue Case Query

DESCRIPTION: Provide the capability for authorized users to query the case information data that is related to revenue generation and escrow amounts.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US029 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Escrow Case Update

DESCRIPTION: Update information, upon user request, to an escrow log. The information to update includes financial data on monies which are to be deposited into an escrow account. This is the money that is received as rental on the lands tentatively approved for conveyance.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US031 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Bond Serialization

DESCRIPTION: Generate unique, sequential bond serial numbers for a bond. The bond is issued by the Bond and Surety system and contains bond riders, abstracts, principal and surety name and address, and necessary field reports.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US119

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Bond and Surety Query

DESCRIPTION: Provide the capability to query into the Bond and Surety information. At a minimum, this information should include; surety name, surety address, limitations, bond status, bond amount, states covered, activity covered, and lease data.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US026 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Financial Data Tracking

DESCRIPTION: Track all financial data relating to a particular case or group of cases for any period of time and allow this data to be interactively queried. The LIS will have interface capability to the Minerals Management Service systems for receiving lease financial standing information.

CATEGORY: Case Accounting
SUBCATEGORY: Account Processing
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US122

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Calculate DEE

DESCRIPTION: Calculate the Diligent Exploration Expenditure (DEE). The calculation is base on the formula as published in the CFR.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US088

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Calculate Royalty Payment

DESCRIPTION: Calculate the amount of royalty payment based on yearly revenue recipt reports and determine the percentage of revenue due the Federal Government.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculations
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US090 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Calculate Rights-of-Way Rental

DESCRIPTION: Calculate rights-of-way rental according to the pre-defined formula and schedule as published in the Code of Federal Regulations (CFR). Allow the user to maintain on-line the rights-of-way schedule/formula, which are subject to change yearly according to the Treasury Securities Constant Maturity rate.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculations
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US087 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Calculate Road Use and Maintenance Fees

DESCRIPTION: Calculate road use and maintenance fees based on input of road use and maintenance information. The formulas for calculating the fees are based on the relational values of the road, the volume of commercial traffic on the road and, in specific unit areas, on a statewide average fee. The formulas will be maintainable on-line with a report produced of the calculation inputs, process, and results.

CATEGORY: Case Accounting
SUBCATEGORY: Financial Calculations
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US114 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: SLMS Update

DESCRIPTION: Update SLMS inventory database

CATEGORY: Case Transactions
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US002 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Action Notation

DESCRIPTION: Identify the date and time of the receipt of an application and all other traceable case activities as maintained by case serialization. This will consist of reports identifying the status of the case.

CATEGORY: Case Transactions
SUBCATEGORY: Case Action Tracking
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US025 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Future Action Suspense

DESCRIPTION: Alert the user to case action suspense dates via an automated tickler file (using a pink screen!). The tickler file will contain a reminder to the user when a specific procedure should take place. The file will have on-line capability and hard copy reporting capabiltiy.

CATEGORY: Case Transactions
SUBCATEGORY: Case Action Tracking
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X] Public Administration	[X] Solids
[ ] Acquisitions	[X] Salables
[X] Exchanges	[X] Locatables
[ ] Withdrawals	[ ] Baseline Records
[ ] Land Classification	[ ] Global: Accounting
[X] Occupancy & Use	[ ] Global: Acreage Control
[X] Grants	[ ] Global: Appeals
[X] Sales	[ ] Global: Assignments
[X] Rights-of-Way	[ ] Global: Bond & Surety
[X] Leases & Permits	[ ] Global: Docket
[X] Conveyances	[ ] Global: Resource Evaluation
[ ] Oil & Gas	[ ] Global: Resource Mgt Plan
[X] Geothermal	[ ] Global: Survey
[X] Coal	[ ] Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US010 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: User Task Control (Case Calendar)

DESCRIPTION: Determines the current status of a case. The user task control, in the form of a calendar, may be called up by the user and will provide on-line or hard copy reporting of a range of timing boundries for a case or a group of cases. This capability will facilitate the use, control and management of case-related actions in day-to-day operations.

CATEGORY: Case Transactions
SUBCATEGORY: Case Action Tracking
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US001 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Serialization

DESCRIPTION: Assign a specific identification code to a case to facilitate tracking and filing of the case. This code will conform to the Case Recordation system and will contain, at a minimum, the State in which the applicant resides, the State Office of the filing and an identification number.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[X]	Withdravals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US005 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Interest Relationship Processing

DESCRIPTION: Track interest relationship on-line, calculate percentage of interest relationship in cases, and allow the user to add, update, delete and query the interest relationship data. The interest relationship data is the percentage of interest that an individual, corporation, or State shares in a paticular case and currently comes from CR/ORCA/AALMRS. If there is a change in the user(s) of the case the LIS will need to determine and make the change in the interest relationship.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US022 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Case Closure

DESCRIPTION: Update/archive the data of a case to the appropriate data base when the case is closed. A case is closed upon termination of the lease/permit. The updated archived data includes, at a minimum, the closure date, the action taken, what entities have been provided notification about the case, and the statistics needed by Docket for the serial register page.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US017 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Conflict Identification of Existing Rights

DESCRIPTION: Identify conflicts in existing rights, such as an interim conveyance which includes lands which were generating revenues, or lands for patent which have leases, permits, or rights-of-way previously approved. Search appropriate data stores to determine such conficts.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US102 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Random Case Selection

DESCRIPTION: Randomly choose the processing order of the successful bidders. The adjudicator oversees this drawing when there are simultaneous offers for an over-the-counter (OTC) lease.

CATEGORY: Case Transactions
SUBCATEGORY: Case Activities
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US008 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Case Form/Document Preparation

DESCRIPTION: Generate completed forms and/or documents, pertinent to a case, containing specific data base information selected by the user. The forms and documents may already be preprinted, in which case the LIS will print only specified data on the form, or the entire form/document will be produced following Government guidelines for the format and content.

CATEGORY: Case Transactions
SUBCATEGORY: Case Output
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[X]	Global: Appeals
[ ]	Sales	[X]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US003 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Generation

DESCRIPTION: Generate the case related information for output to various media forms, including disk files, magnetic tapes, data files, screen displays, and paper listings. Each of these outputs will have a Government specified format for the selected data.

CATEGORY: Case Transactions
SUBCATEGORY: Case Output
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US006 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.66

NAME: Physical Case File Labels

DESCRIPTION: Produce labels for the physical case file folders at the same time as the case is established and serialized. This will ensure accuracy of the case number assigned to the name and address of the applicant.

CATEGORY: Case Transactions
SUBCATEGORY: Case Output
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[X]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US091 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Rental Information Update

DESCRIPTION: Update rental fee schedules or rental calculation formulas. Update rental data on individual cases based on, at a minimum: name change, address change, change in assignments, adjustment to rental property, renevals, terminations, amendments, and overdue payments. The rental fee schedule is published in the Federal Register and the fees are based on the specific use of the land and geo/economic factors.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US093 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Mining Claim Information Update

DESCRIPTION: Update the mining claim information. Mining claim information includes mineral evaluation, mineral documents, and mineral land status. Verify the ownership of the mineral rights.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US092 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Road/Transportation Update

DESCRIPTION: Upadate road use, maintenance, and fee data of the Road Transportation System. The Road Transportation System contains, in part, the road number, the ownership/control of the road, and the class of the road. This information is part of the current Case Recordation System.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US089 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Royalty Information Update

DESCRIPTION: Update revenue and royalty data to the individual cases. Royalty data includes royalty fees, which are the monies paid to the Government over and above rental fees. Royalty fees are base on a percentage of the gross income from energy production.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US123 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Bond and Surety Update

DESCRIPTION: Provide the capability to update the Bond and Surety System. The information accessible for update should include, at a minimum, surety name, surety address, limitations, bond status, bond amount, states covered, activity covered, and lease data.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US007 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Update

DESCRIPTION: Update case data actions (events); e.g., case recordation actions. Also update any fees or schedules impacted by status and agreement changes. Update internal and external systems as specified in the Interface Study.

CATEGORY: Case Transactions
SUBCATEGORY: Case Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[X]	Withdrawals	[ ]	Baseline Records
[X]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[X]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[X]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[X]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US021 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Navigability Determination Verification

DESCRIPTION: Verify that a Navigability Determination was performed and noted to the records. The user will be able to request this information and be notified by the system of the status of the Navigability Determination.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US013 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Application Verification

DESCRIPTION: Automatically verify all appropriate data of the application against a predetermined range of values and ensure the application is not in conflict with any pending applications.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[X]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[X]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US019 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Conflicting Application Identification

DESCRIPTION: Identify conflicting applications filed on the same parcel of land. A message shall be displayed on the screen notifying the user that there is a conflict on the applied use of the land and conflicts based on the legal criteria pertaining to the land.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US009 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Validation

DESCRIPTION: Validate the case information entered into the case processing data base against the land description, status data, and applicable legal references.

CATEGORY: Case Transactions
SUBCATEGORY: Case Verification/Validation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[X]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US118

CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Cost/Benefit Analysis

DESCRIPTION: The LIS shall provide Discounted Cash Flow (DCF) analysis includeing Fair Market determination to identify the benefits vs. revenue generated (paybacks) and cost items/factors. This analysis uses discount rates and lifetime estimates to view the total project. The analysis should make use of modeling efforts to provide a complete economic evaluation.

CATEGORY: Cost Accounting
SUBCATEGORY: Account Processing
SECURITY: Sensitive

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US127 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Sales Analysis

DESCRIPTION: Performs analysis to compare the pre-sale estimate conducted by the Bureau to the bid amounts received on a sale. The pre-sale data is highly sensitive and should remain hidden from the public. Once the bid amounts are entered, the system produces a report identifying bidders whose bids were closest to the pre-sale estimate.

CATEGORY: Cost Accounting
SUBCATEGORY: Financial Calculation
SECURITY: Sensitive

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US062 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Aerial Photo Reference

DESCRIPTION: Provide the capability to query an index reference of aerial photos. The information retrieved will contain, for example, where to find the actual stored photos. The LIS will provide the user with the capability to enter parcel data and have on-line screen display or hard copy report of the index reference and appropriate data.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US061 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.83

NAME: Navigability Determination Reference

DESCRIPTION: Provide the reference information for the location of navigability maps. The LIS will display on the screen or report on hard copy the map information and any policy changes for a Determine Navigability action.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US060 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Navigability Determination Index Update

DESCRIPTION: Provide the capability to update the Navigability Determinations Index.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US120 CREATION DATE: 06/23/88
PRIORITY VALUE: 2.00

NAME: Document Index Query

DESCRIPTION: Retrieve location of the Industry Standards from the Technical Library

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US059 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Document Index Entry/Update

DESCRIPTION: Provide, upon user request, the capability to enter and update geographic state orders to the Miscellaneous Document Index.

CATEGORY: Document Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US034 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Electronic Data Transfer

DESCRIPTION: Transfer data between various computers as well as the software within BLM and related agencies, such as MMS. (The complete analysis of the entities involved in data transfer is contained in the Interface Study)

CATEGORY: Information Transfer
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US066 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Interagency Reporting

DESCRIPTION: Permit authorized access to other agency computer data for report generation. (The complete analysis of the entities involved in data transfer is contained in the section of the Specification titled, Communication Requirements.)

CATEGORY: Information Transfer
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[X]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US107 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Inspection Data Entry/Update

DESCRIPTION: The LIS will provide to the user the capability to enter and maintain the information gathered from a field inspection.

CATEGORY: Inspection Data Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US109 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Inspection Data Interface

DESCRIPTION: The LIS will provide to the user the capability to interact with the facts and figures accumulated in a field inspection.

CATEGORY: Inspection Data Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US043 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Historical Index Entry/Update

DESCRIPTION: Provide the capability for the authorized user to enter and update the information of an automated Historical Index. This information shall include, at a minimum, all actions which affect use of or title to public lands and resources. Each township has its own Historical Index.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Entry/Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US042 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Plat Records Entry/Update

DESCRIPTION: Provide the capability to enter and update the survey/ownership data and any other pertinent record data of the plat. This data includes, at a minimum, the land title data and the partial assignment data.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Entry/Update
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[X]	Salables
[ ]	Exchanges	[X]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[X]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US115 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Map/Plat Entry and Update

DESCRIPTION: Update the Map and/or plat with information, such as the mining data. This will be a working model, the Public Land Records contains the official map/plat.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Generation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US047 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Map/Plat Generation

DESCRIPTION: Generate a map and plat, with overlays, graphically on an on-line screen and/or written to a hard copy peripheral device. The output will include all information needed by the adjudicator for review of a case.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Generation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US046 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Historical Index Generation

DESCRIPTION: Generate a file listing of the Historical Index for a township or a collection of townships. The listing will contain, at a minimum, all actions within a specified date range, which affect the use of or title to public land and resource.

CATEGORY: Land Status Records Processing
SUBCATEGORY: Record Generation
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US037 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Legal Reference Entry/Update

DESCRIPTION: Provide the capability to enter and update information relating to legal reference entitlements. This information shall include, at a minimum, public laws, regulations, policy and procedures, and Interior Board of Land Appeals (IBLA) Decisions.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US111 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.00

NAME: State Priority List Processing

DESCRIPTION: Compares a parcel of land specified in an application to lands listed in the State's Priority List. The State's Priority List is a file containing a yearly list of the lands the State wishes to have conveyed. Upon input of the land description, the LIS will check the priority list and report, via on-line screen display and hard copy, where the parcel of land ranks in relation to the priority list.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US040 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.00

NAME: Continuing Obligation Verification

DESCRIPTION: Upon user request, verify whether the specified property of a case is under obligation for the BLM to process for inclusion in the Cook, Inlet Region, Incorporated (CIRI) Pool. After input of the property name and the land description, the data shall be cross-referenced to the CIRI Pool.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US038 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.00

NAME: Legal Reference Query

DESCRIPTION: Provide the capability to query the legal reference entitlements. The response to the query will be in hard copy form and/or on-line screen display.

CATEGORY: Legal Reference Control
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US108

CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Schedule Development

DESCRIPTION: Prepares a schedule for the planning team based on information from the Annual Work Plan. The LIS allows the user to specify monitoring intervals and standards, establish a schedule and prepare activity plans. The LIS will have the interactive manipulation capability so BLM management can produce different scheduling schemes.

CATEGORY: Management Information Processing
SUBCATEGORY: Administrative Support
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US064 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Budget Development

DESCRIPTION: Prepare a budget for the planning team according to information contained in the Annual Work Plan. The LIS will provide the user with input parameters to establish budget information including support services and allow for the interactive manipulation of the data to create different budget plans.

CATEGORY: Management Information Processing
SUBCATEGORY: Administrative Support
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US063 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Public Land Statistics Update

DESCRIPTION: Provide the capability to enter, update, and track the statistics about the public land, such as land sold and acquired by the BLM, or oil and gas leases issued.

CATEGORY: Management Information Processing
SUBCATEGORY: Public Land Statistics
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US096 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Public Land Statistics Calculation

DESCRIPTION: Calculate various statistics about the public lands, as required by the Annual Report to Congress. These statistics will include total amount of land leased, total number of patents issued, amount of money generated, total number of oil well permits issued, and amount of land acquired. A variety of statistical manipulations and graphical displays will be provided, such as averages, means, standard deviations, histograms, and plots.

CATEGORY: Management Information Processing
SUBCATEGORY: Public Land Statistics
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US095 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Public Land Statistics Query/Retrieval

DESCRIPTION: The LIS will, upon user query, find and report the public land statistical data. The user shall have the ability to select the data and be provided with the information via on-line screen display and/or hard copy reports.

CATEGORY: Management Information Processing
SUBCATEGORY: Public Land Statistics
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US035 CREATION DATE: 03/18/88
PRIORITY VALUE: 1.67

NAME: Word Processing

DESCRIPTION: Provide network supportable word processing software in a multiuser environment to produce documents, memos, and letters. At a minimum, the word processing will provide storage and retrieval of the word processing files, produce hard copies of these files, and provide appropriate security identification to any document being prepared to ensure that proper system security control is maintained.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [X]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[X] Public Administration	[X] Solids
[X] Acquisitions	[X] Salables
[X] Exchanges	[X] Locatables
[X] Withdravals	[X] Baseline Records
[X] Land Classification	[ ] Global: Accounting
[X] Occupancy & Use	[X] Global: Acreage Control
[X] Grants	[X] Global: Appeals
[X] Sales	[X] Global: Assignments
[X] Rights-of-Way	[X] Global: Bond & Surety
[X] Leases & Permits	[X] Global: Docket
[X] Conveyances	[X] Global: Resource Evaluation
[X] Oil & Gas	[X] Global: Resource Mgt Plan
[X] Geothermal	[ ] Global: Survey
[X] Coal	[ ] Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US079 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Label Generation

DESCRIPTION: Generate name and address labels from the data base for public mailing of documents, notices, and other mailings as required. The user will have the ability to choose the information and the format of the information to be generated.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US033 CREATION DATE: 03/18/88
PRIORITY VALUE: 1.17

NAME: Electronic Mail

DESCRIPTION: Provide the ability to transfer and/or receive mail and messages electronically between various computers, users within BLM, and related agencies. At a minimum, electronic mail will identify the date and time of message transmissions, queue pending messages, notify the user of messages in the queue, obtain hard copies of messages, store copies of messages in local files, and provide receipt of the transmission of messages.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[ ]	Salables
[X]	Exchanges	[X]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US036 CREATION DATE: 03/18/88
PRIORITY VALUE: 1.67

NAME: Electronic Document Publishing

DESCRIPTION: Provide the capability to electronically publish documents using desk-top publishing technology. The publishing capability will include, at a minimum, graphics, layout, and printer/plotter for hard copy production. One example of a document to be published is the final Environment Assesment.

CATEGORY: Office Support
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US078 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Bidder List Generation

DESCRIPTION: LIS will generate and print the bidder results. This report will contain the information necessary for public notification of bidder results.

CATEGORY: Qualification Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US077 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Bidder Entry/Update

DESCRIPTION: Provide the capabilities to enter, update, and tabulate the bidder information received for a sale. The bidder information contains, at a minumum, the bidder name and address, and the monetary amount of the bid.

CATEGORY: Qualification Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US014 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Case Information Query

DESCRIPTION: Provide the capability to query the on-line case information. The case information will include, at a minimum, applicant information, status updates from system users and other processing functions which are recorded upon completion of each phase/activity, and pending events. The LIS shall allow authorized users to query the case information with a serial number, action code, entity name, and/or case type.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [X] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[X]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[X]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[X]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US050 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.67

NAME: Document Reference Query

DESCRIPTION: Provide the capability to query the Document Cross Reference. This query will guide the researcher to various source documents. The Document Cross-Reference is a file listing containing the index of government agency publications and their contents. Similar to a library card catalogue, the user will be able to query such items as subject matter and have the reference information provided on the screen or hard copy.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US051 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Road/Transportation Query

DESCRIPTION: Provide the capability to perform a query of the Road/Transportation System information. The user will be able to input a particular road number and the LIS will retrieve the road transportation information about that particular road.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US086 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.50

NAME: Mining Claim Query

DESCRIPTION: Provide the capabiltiy to query the mining claim information, given a particular parcel description. Once the information is retrieved the LIS shall produce screen display(s) of the data or hard copy report(s). The user will have the ability to specify the mining claim information to be retrieved.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[X]	Salables
[X]	Exchanges	[X]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[X]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US085 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Land Use/Plat Query

DESCRIPTION: Provide the capability to query the land use status plat for land use and restriction(s), given a particular parcel description. The LIS shall allow a land use map and/or plat to be displayed graphically on an on-line screen or written to a hard copy peripheral device.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US041 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Map/Plat Query

DESCRIPTION: Provide the capability to query the maps/plats, and/or the data of the maps/plats, given a particular parcel description. The LIS will allow a map and/or plat to be displayed graphically on an on-line screen and/or written to a hard copy peripheral device.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[X]	Acquisitions	[X]	Salables
[ ]	Exchanges	[X]	Locatables
[X]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[X]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US117 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: SLMS Query

DESCRIPTION: Check Solid Leasing Mineral System (SLMS) for applicant acreage holding.

CATEGORY: Query Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[X]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US071 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Geographic Information Retrieval

DESCRIPTION: The LIS will retrieve and display geographic information by graphically plotting its location on the earth. The LIS will retrieve the geographic information when provided with land identifier(s) (e.g., legal description, geopraphical coordinates). The displays will be in the form of screen displays, screen overlays, and printouts.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[X]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US069 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.33

NAME: Resource Inventory Data Entry

DESCRIPTION: Certain information generated from the processing of land and mineral cases will be applicable to the LIS data base. The LIS will provide the capability for the user to add selective land and mineral resource data into the LIS data base. This information includes the supporting data for Resource Management Planning alternatives such as resource area, themes, geographic area, and land use description.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US112 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Legal Description Interpreter

DESCRIPTION: NOTE: This requirement is also listed as a requirement for the Spatial Data Processing. Legal Description Interpreter will support the entry and interpretation of legal descriptions for both rectangular survey areas and metes and bounds survey types, provide access to coordinate geometry processes, and generate a coordinate base from the legal descriptions. (Refer to paragraph 3.2.4 of the LIS Functional Specification, April, 1988)

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US094 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Resource Conflict Analysis

DESCRIPTION: Provide information needed for user(s) to identify conflicts and potential conflicts in resource use related to land areas involved in land and mineral cases.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US082

CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Resource Theme Analysis

DESCRIPTION: Provide the capability to maintain overlays of resource data indexed by LLD. The LIS will allow for the user to query all resource information available on a particular parcel and use the retrieved information to analyze the resource use of the parcel.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[X]	Acquisitions	[ ]	Salables
[X]	Exchanges	[ ]	Locatables
[ ]	Withdravals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US090 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Resource Information Generation

DESCRIPTION: Allow the user to retrieve information for the generation of resource area profiles. The profile shall be generated in the form of on-line screen display(s) and printout(s). The information retrieved shall include, at a minimum, oil and gas deposit data, rangeland management data, and timber data.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[X]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[X]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US110 CREATION DATE: 03/18/88
PRIORITY VALUE: 2.50

NAME: Retrieve Reservoir Information

DESCRIPTION: Retrieve water reservoir base capacity from reservoir information.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE:

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[X]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[X]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US116 CREATION DATE: 06/23/88
PRIORITY VALUE: 4.00

NAME: Calculate Mining Production

DESCRIPTION: Calculate the amount of minerals taken from a mine, using inspection data, map data, and production status reports. Reports of mineral amounts should be able to cover variable periods of time (ie, weekly, monthly).

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE:

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US068 CREATION DATE: 03/18/88
PRIORITY VALUE: 4.00

NAME: Strategic Activities Planning

DESCRIPTION: The LIS will provide the capabiltiy to maintain and query map overlays, indexed by LLD, depicting land use planning activities.

CATEGORY: Resource Information Processing
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[ ]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[X]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[X]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[X]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US056 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Accounts Receivable

DESCRIPTION: Create, maintain, and permit query on-line of the amount of charges due to the BLM which are incurred in the BLM public rooms. For example, when the public requests a particular map, the cost of that service can be viewed on-line and the LIS will have the capability to charge this amount to the appropriate account.

CATEGORY: System Chargeback
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US057 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.00

NAME: General Ledger Processing

DESCRIPTION: Maintain a general ledger and provide for the addition/update or deletion of the public entity accounts and the internal BLM accounts.

CATEGORY: System Chargeback
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [ ] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[ ]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

USER REQUIREMENT DESCRIPTION
LAND AND MINERALS

REQUIREMENT #: US058 CREATION DATE: 03/18/88
PRIORITY VALUE: 3.83

NAME: Automatic Account Transfer

DESCRIPTION: Electronically transfer funds from one BLM account to another. Automatic account transfer is necessary when a corporation has incurred a charge and the payment or billing is transferred from that corporation's account to the BLM.

CATEGORY: System Chargeback
SUBCATEGORY:
SECURITY: General

TECHNICAL ACTIVITY, if appropriate; MS [X] CS [ ] EG [ ]

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: ALMRS Current System Description

[ ]	Public Administration	[X]	Solids
[ ]	Acquisitions	[ ]	Salables
[ ]	Exchanges	[ ]	Locatables
[ ]	Withdrawals	[X]	Baseline Records
[ ]	Land Classification	[ ]	Global: Accounting
[ ]	Occupancy & Use	[ ]	Global: Acreage Control
[ ]	Grants	[ ]	Global: Appeals
[ ]	Sales	[ ]	Global: Assignments
[ ]	Rights-of-Way	[ ]	Global: Bond & Surety
[ ]	Leases & Permits	[ ]	Global: Docket
[ ]	Conveyances	[ ]	Global: Resource Evaluation
[ ]	Oil & Gas	[ ]	Global: Resource Mgt Plan
[ ]	Geothermal	[ ]	Global: Survey
[ ]	Coal	[ ]	Global: Trespass

3.5.4 Category Listing - Technical Activities

The following pages contain the Technical Activities user requirements in order by category.

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR217 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate Calculation/Adjustments

DESCRIPTION: Provide the capability to enter, update/maintain, and report on raw field data; compute coordinate positions; edit field data; and adjust coordinates with proper adjustment routines.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR205 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate List Generation

DESCRIPTION: Provide the capability for producing a list (paper or magnetic media) of geographic coordinates for a project area or for an area based on user-defined parameters. The list shall be produced on the completion of the proper calculation.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR222

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate Query

DESCRIPTION: Provide the capability to query the geographic coordinate data bases.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR208 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Geographic/Geodetic Coordinate Update

DESCRIPTION: Provide the capability to update/maintain geographic coordinate data bases, which include various coordinate systems.

CATEGORY: Geocoordinate Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR227 CREATION DATE: 09/20/88
PRIORITY VALUE: 3.00

NAME: Inventory Data Base Query

DESCRIPTION: Provide the capability to query and generate reports on roads, buildings, and other Engineering inventory data.

CATEGORY: Inventory Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[ ] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR226 CREATION DATE: 09/20/88
PRIORITY VALUE: 3.00

NAME: Inventory Data Base Update

DESCRIPTION: Provide the capability to enter and update/maintain the inventory data base with roads, buildings, and other Engineering inventory data.

CATEGORY: Inventory Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[ ] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR212 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Orthophoto Production

DESCRIPTION: Provide the capability for rectifying and producing orthophotos from scanned data or United States Geological Survey (USGS) Digital Elevation Model (DEM) data.

CATEGORY: Orthophoto Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR211

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Scanning

DESCRIPTION: Provide the capability of scanning various source materials, including, but not limited to, the scanning of diapositives for the production of DEMs, and scanning of raster and vector data.

CATEGORY: Orthophoto Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR201

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: PAWP/AWP Development

DESCRIPTION: Provide the capability for field personnel to prepare Preliminary Annual Work Plan (PAWP) inputs, based upon previous years' Annual Work Plans (AWPs), historical project cost, current projects, and estimated future projects or estimated work projects. Provide the capability for the Washington Office to consolidate and edit all PAWP inputs and prepare the final Annual Work Plan.

CATEGORY: PAWP/AWP Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR221

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: PAWP/AWP Query

DESCRIPTION: Provide the capability to query the PAWP/AWP file for information contained within the Preliminary Annual Work Plan (PAWP) and the Annual Work Plan (AWP). The information will include, but not be limited to, the project codes and subactivity codes for Bureau, reimbursable, and contributed funds.

CATEGORY: PAWP/AWP Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR202 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Project Information Update

DESCRIPTION: Provide the capability to enter, update/maintain, and track project information, to include schedules, phase of the project, responsible person, and cost.

CATEGORY: Project Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR200 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Project Plan Development

DESCRIPTION: Provide the capability to enter, update/maintain, and report on preliminary and final cost (budget), time, and schedules for any given project. Provide the ability to retrieve historical cost, time, and pertinent data for the determination of future project cost, time and schedules.

CATEGORY: Project Management
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR209 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Control Referencing

DESCRIPTION: Provide the capability to transfer geographic coordinate data from one source to another source, e.g., field control points to photos, photo control to photos, photo control to images, and field control to images. Also provide the capability to establish secondary control reference points as needed.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR214 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Data Merging

DESCRIPTION: Provide the capability to merge data sets and structures from two or more data sources such as satellite imagery, aerial photographs, vector or raster data sets, and ancillary attribute data. Also provide the capability to generate new or enhance old data sets or structures.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR207 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Digitization

DESCRIPTION: Provide the capability to digitize of data using techniques such as, but not limited to, stream digitizing, point digitizing, line digitizing, scan digitizing, and conventional key board entry.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [ ]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR213 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Image Data Update

DESCRIPTION: Provide the capability to update/maintain satellite, photographic, or other image data through user interaction and computer processes.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR216 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Map Registration

DESCRIPTION: Provide the capability to mount and register maps to a geographic reference system or to a user-defined local coordinate system, to retrieve and interface with point, line, and/or polygon data, to encode data to disk file, and to allow geometric correction programs to access and manipulate that data.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR215 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Outputs

DESCRIPTION: Provide the capability of producing and publishing spatial maps and plots both in two and three dimensions, on output devices such as CRTs, printers, and plotters, in draft or publishable quality. In addition, the outputs can include graphical displays of horizontal and vertical controls, project boundary information, and other pertinent information, at user-defined scales.

CATEGORY: Spatial Data Input/Output
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR225 CREATION DATE: 09/20/88
PRIORITY VALUE: 4.00

NAME: Data Transfer Preparation

DESCRIPTION: Provide the capability to prepare data for transfer to internal or external systems. Preparation techniques shall include, but not be limited to, online edit capability before transfer, format selection, and format transformation.

CATEGORY: Spatial Data Transfer
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR210 CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Data Import/Export

DESCRIPTION: Provide the capability to import and export data structures in various formats, to include United States Geological Survey (USGS) Digital Line Graph (DLG), Digital Elevation Model (DEM), and Federal Geographic Exchange Format (FGEF). Provide for on-line editing and parameter checking.

CATEGORY: Spatial Data Transport
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[X] Engineering
[X] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR218

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Automated Technical Design

DESCRIPTION: Provide the capability to produce computer-aided engineering designs and models including, but not limited to, stress analysis, foundation loading, and wind and snow stress for human-made structures such as buildings, roads, bridges, and dams. Design and modeling will include mechanical, civil, electrical, and hydraulic schematics and drawings.

CATEGORY: Spatial Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[X] Engineering
[ ] Mapping Sciences
[ ] Cadastral Surveys

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USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR206

CREATION DATE: 08/24/88
PRIORITY VALUE: 4.00

NAME: Spatial Data Modeling

DESCRIPTION: Provide the capability to model spatial data with results in two- or three-dimensional perspective. This shall include, but not be limited to, the processing of overlay data themes, the production of slope and aspect results, the conduct of contour analyses, and the conduct of conflict resolution analyses.

CATEGORY: Spatial Processing
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [X]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[X] Mapping Sciences
[ ] Cadastral Surveys

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USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR219

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Pending Survey/Patent Plan Process (PPP) Query

DESCRIPTION: Provide the capability to query the pending survey file or the patent plan process file for Alaska.

CATEGORY: Survey Information Tracking
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [ ]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

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USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR220 CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Pending Survey/Patent Plan Process (PPP) Update

DESCRIPTION: Provide the capability to update the pending survey file or the patent plan process file for Alaska.

CATEGORY: Survey Information Tracking
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [ ]
2. Query (finding/retrieving data from system)..... [ ]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

USER REQUIREMENT DESCRIPTION
TECHNICAL ACTIVITIES

REQUIREMENT #: UR223

CREATION DATE: 08/24/88
PRIORITY VALUE: 3.00

NAME: Cadastral Repository Index Query/Update

DESCRIPTION: Provide the capability to enter, query and update/maintain the cadastral repository index. The index contains information related to the survey, the survey plat, or field book location.

CATEGORY: Survey Tracking
SUBCATEGORY:
SECURITY: General

INFORMATION PROCESSING AREAS:

1. Entry/Capture (entering data into system) ..... [X]
2. Query (finding/retrieving data from system)..... [X]
3. Reporting/Data Generation (reports, files, tapes, etc.) ... [X]
4. Update/Maintenance (updating existing data on system) ..... [X]
5. Analysis/Manipulation (processing or transforming data) ... [ ]

SOURCE: Land Information System Technical Activities

[ ] Engineering
[ ] Mapping Sciences
[X] Cadastral Surveys

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APPENDIX A: ACRONYMS AND ABBREVIATIONS

ACEC	Area of Critical Environmental Concern
ADEMP	ADP and Data Communications Equipment Modernization Project
ADP	Automated Data Processing
AFS	Alaska Fire Service
AFS	Auditing and Financial System
ALDS	Automatic Lightning Detection System
ALMRS	Automated Land and Minerals Record System
AMP	Allotment Management Plan
AMS	American Management Systems Incorporated
APHIS	Animal Plant Health Inspection Service
ARRS	Automated Resource Requirements Study
ASPN	Trade Name
AWP	Annual Work Plan
BIA	Bureau of Indian Affairs
BIFC	Boise Interagency Fire Service
BLM	Bureau of Land Management
BRASS	Bonus and Rental Accounting Support System
CFR	Code of Federal Regulations
COTS	Commercial off-the-shelf
CRMP	Cultural Resource Management Plan
CX	Categorical Exclusion
DFD	Data Flow Diagram
EA	Environmental Assessment
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
ESO	Eastern States Office
FEDSIM	Federal Computer Performance and Evaluation Simulation Center
FLPMA	Federal Land Policy Management Act
FMS	Financial Management System
FS	Field Station
GIS	Geographic Information System
GSD	General Systems Design
HMP	Habitat Management Plan
IPO	Input-Process-Output
LIS	Land Information System
MMS	Minerals Management Service
NEPA	National Environmental Policy Act
NSR	National Systems & Research Co.
NSSAD	National Soil Survey Area Data Base

O&C	Oregon and California
ORV	Off-road vehicle
PAWP	Preliminary Annual Work Plan
R&PP	Recreation and Parks Permits
RAMP	Recreation Area Management Plan
RAWS	Remote Automated Weather Station
RFC	Request for Comments
RFI	Request for Information
RFP	Request for Proposal
RMP	Resource Management Plan
ROS	
SC	Service Center
SHPO	State Historic Preservation Officer
SOW	Statement of Work
SWA	
USFS	United States Forest Service
USGS	United States Geological Survey
WBMP	Wild Burro Management Plan
WHMP	Wild Horse Management Plan
WIS	Wildlife Information System

Bureau of Land Management
Library
Bldg. 50 Denver Federal Center

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]